

## PART B - FEE(S) TRANSMITTAL

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23628 7590 10/20/2004

**WOLF GREENFIELD & SACKS, PC**  
**FEDERAL RESERVE PLAZA**  
**600 ATLANTIC AVENUE**  
**BOSTON, MA 02210-2211**

11/15/2004 MBEYENE2 00000102 10809173

01 FC:1501 1370.00 OP  
 02 FC:8001 15.00 OP

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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Richard F. Giunta	(Depositor's name)
<i>Richard F. Giunta</i>	(Signature)
11/9/04	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/809,173 03/24/2004 Ishay Kedem E0195.70041US01 7774

TITLE OF INVENTION: METHOD AND APPARATUS FOR MANAGING THE DYNAMIC ASSIGNMENT OF RESOURCES IN A DATA STORAGE SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1370 \$0 \$1370 01/21/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
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CHOI, WOO H 2186 711-117000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **Wolf Greenfield & Sacks, P.C.**

2 \_\_\_\_\_

3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

EMC Corporation

Hopkinton, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 5

## 4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 23/2825 (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Richard F. GiuntaDate 11/09/04Typed or printed name Richard F. GiuntaRegistration No. 36,149

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DOCKET NO.: E0295.70041US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

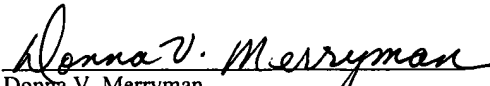
Applicant: Ishay Kedem  
Serial No.: 10/809,173  
Confirmation No.: 7774  
Filed: March 24, 2004  
For: METHOD AND APPARATUS FOR MANAGING THE DYNAMIC  
ASSIGNMENT OF RESOURCES IN A DATA STORAGE SYSTEM

Examiner: Choi, Woo H.  
Art Unit: 2186

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to **MAIL STOP ISSUE FEE**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 9<sup>th</sup> day of November, 2004.

  
Donna V. Merryman

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**MAIL STOP MAIL STOP ISSUE FEE**

Commissioner For Patents  
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Sir:

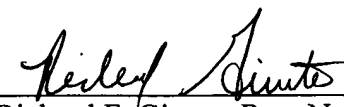
Transmitted herewith are the following documents:

- Part B - Issue Fee Transmittal
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

A check in the amount of \$1385.00 is enclosed to cover the issue fee and advance order fee. If the fee is insufficient, the balance may be charged to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Ishay Kedem, Applicant*

By:   
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E0295.70041US01  
Date: November 9, 2004  
x01/21/05x